Gabriele Cremonese

List of Publications by Year
in descending order

275	9,699	36303	51608
papers	citations	51 h-index	86 g-index

281	281	281	3660
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa1044.	12.6	366
2	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. Science, 2015, 347, aaa3905.	12.6	310
3	OSIRIS â€“ The Scientific Camera System Onboard Rosetta. Space Science Reviews, 2007, 128, 433-506.	8.1	286
4	The morphological diversity of comet 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa0440.	12.6	259
5	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. Icarus, 2016, 277, 257-278.	2.5	252
6	Shape model, reference system definition, and cartographic mapping standards for comet 67P/Churyumov-Gerasimenko â€“ Stereo-photogrammetric analysis of Rosetta/OSIRIS image data. Astronomy and Astrophysics, 2015, 583, A33.	5.1	188
7	Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. Astronomy and Astrophysics, 2015, 583, A30.	5.1	188
8	Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System. Science, 2011, 334, 487-490.	12.6	179
9	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A34.	5.1	173
10	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 592, A63.	5.1	159
11	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. Nature, 2015, 523, 63-66.	27.8	158
12	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOVâ€“GERASIMENKO FROM 2.2 au TO PERIHELION. Astrophysical Journal, 2016, 821, 19.	4.5	158
13	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A26.	5.1	153
14	A NEW CHRONOLOGY FOR THE MOON AND MERCURY. Astronomical Journal, 2009, 137, 4936-4948.	4.7	152
15	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A17.	5.1	149
16	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. Nature, 2015, 526, 402-405.	27.8	141
17	Processes that Promote and Deplete the Exosphere ofÂMercury. Space Science Reviews, 2007, 132, 433-509.	8.1	121
18	E-Type Asteroid (2867) Steins as Imaged by OSIRIS on Board Rosetta. Science, 2010, 327, 190-193.	12.6	120

#	Article	IF	Citations
19	Evidence for Young Volcanism on Mercury from the Third MESSENGER Flyby. Science, 2010, 329, 668-671.	12.6	118
20	Gravitational slopes, geomorphology, and material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A32.	5.1	113
21	The Colour and Stereo Surface Imaging System (CaSSIS) for the ExoMars Trace Gas Orbiter. Space Science Reviews, 2017, 212, 1897-1944.	8.1	111
22	Seasonal mass transfer on the nucleus of comet 67P/Chuyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S357-S371.	4.4	111
23	Size-frequency distribution of boulders â‰¥7 m on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A37.	5.1	108
24	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 607, L1.	5.1	107
25	Neutral Sodium from Comet Hale-Bopp: A Third Type of Tail. Astrophysical Journal, 1997, 490, L199-L202.	4.5	107
26	Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 587, A14.	5.1	102
27	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. Nature Astronomy, 2017, 1, .	10.1	100
28	OSIRIS observations of meter-sized exposures of H₂O ice at the surface of 67P/Churyumov-Gerasimenko and interpretation using laboratory experiments. Astronomy and Astrophysics, 2015, 583, A25.	5.1	97
29	Rosettaâ€™s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. Science, 2016, 354, 1566-1570.	12.6	97
30	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere. Astronomy and Astrophysics, 2016, 593, A110.	5.1	86
31	The rotation state of 67P/Churyumov-Gerasimenko from approach observations with the OSIRIS cameras on Rosetta. Astronomy and Astrophysics, 2014, 569, L2.	5.1	81
32	Surface-Exosphere-Magnetosphere System Of Mercury. Space Science Reviews, 2005, 117, 397-443.	8.1	76
33	Flux of meteoroid impacts on Mercury. Astronomy and Astrophysics, 2005, 431, 1123-1127.	5.1	71
34	Fractures on comet 67P/Churyumovâ€Gerasimenko observed by Rosetta/OSIRIS. Geophysical Research Letters, 2015, 42, 5170-5178.	4.0	71
35	SIMBIO-SYS: The spectrometer and imagers integrated observatory system for the BepiColombo planetary orbiter. Planetary and Space Science, 2010, 58, 125-143.	1.7	70
36	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	5.1	67

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37	Detection of exposed H₂O ice on the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 595, A102.	5.1	67
38	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. Science, 2017, 355, 1392-1395.	12.6	63
39	67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. Astronomy and Astrophysics, 2015, 573, A62.	5.1	60
40	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A36.	5.1	60
41	The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study. Monthly Notices of the Royal Astronomical Society, 2016, 462, S220-S234.	4.4	60
42	Origin of the local structures at the Philae landing site and possible implications on the formation and evolution of 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S23-S32.	4.4	60
43	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A35.	5.1	59
44	The geomorphology of (21) Lutetia: Results from the OSIRIS imaging system onboard ESA's Rosetta spacecraft. Planetary and Space Science, 2012, 66, 96-124.	1.7	58
45	The dust environment of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2004, 422, 357-368.	5.1	58
46	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. Astronomy and Astrophysics, 2016, 586, A7.	5.1	55
47	Statistical analysis of micrometeoroids flux on Mercury. Astronomy and Astrophysics, 2009, 503, 259-264.	5.1	54
48	Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A44.	5.1	53
49	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. Astronomy and Astrophysics, 2016, 592, A69.	5.1	53
50	Mercuryâ€™s Surface Composition and Character as Measured by Ground-Based Observations. Space Science Reviews, 2007, 132, 399-431.	8.1	52
51	Acceleration of individual, decimetre-sized aggregates in the lower coma of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S78-S88.	4.4	52
52	Spin Temperatures of Ammonia and Water Molecules in Comets. Astrophysical Journal, 2004, 601, 1152-1158.	4.5	51
53	The effects of the target material properties and layering on the crater chronology: The case of Raditladi and Rachmaninoff basins on Mercury. Planetary and Space Science, 2011, 59, 1968-1980.	1.7	51
54	Release of neutral sodium atoms from the surface of Mercury induced by meteoroid impacts. Icarus, 2005, 177, 122-128.	2.5	49

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55	Discovery of the Atomic Iron Tail of Comet M c Naught Using the Heliospheric Imager on STEREO. Astrophysical Journal, 2007, 661, L93-L96.	4.5	48
56	The Leonid Meteor Shower and the Lunar Sodium Atmosphere. Icarus, 1998, 136, 298-303.	2.5	47
57	SIMBIO-SYS: Scientific Cameras and Spectrometer for the BepiColombo Mission. Space Science Reviews, 2020, 216, 1.	8.1	47
58	Possible detection of meteor stream effects on the lunar sodium atmosphere. Planetary and Space Science, 1998, 46, 1003-1006.	1.7	46
59	The cratering history of asteroid (2867) Steins. Planetary and Space Science, 2010, 58, 1116-1123.	1.7	46
60	Rationale for BepiColombo Studies of Mercuryâ€™s Surface and Composition. Space Science Reviews, 2020, 216, 1.	8.1	46
61	Evidence of sub-surface energy storage in comet 67P from the outburst of 2016 July 03. Monthly Notices of the Royal Astronomical Society, 2017, 469, s606-s625.	4.4	45
62	The scattering phase function of comet 67P/Churyumovâ€“Gerasimenko coma as seen from the Rosetta/OSIRIS instrument. Monthly Notices of the Royal Astronomical Society, 2017, 469, S404-S415.	4.4	44
63	The BepiColombo mission: An outstanding tool for investigating the Hermean environment. Planetary and Space Science, 2010, 58, 40-60.	1.7	43
64	Seasonal erosion and restoration of the dust cover on comet 67P/Churyumov-Gerasimenko as observed by OSIRIS onboard Rosetta. Astronomy and Astrophysics, 2017, 604, A114.	5.1	43
65	Dust mass distribution around comet 67P/Churyumovâ€“Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. Monthly Notices of the Royal Astronomical Society, 2017, 469, S276-S284.	4.4	43
66	Variegation of comet 67P/Churyumov-Gerasimenko in regions showing activity. Astronomy and Astrophysics, 2016, 586, A80.	5.1	43
67	PHEBUS: A double ultraviolet spectrometer to observe Mercury's exosphere. Planetary and Space Science, 2010, 58, 201-223.	1.7	42
68	Geological map and stratigraphy of asteroid 21 Lutetia. Planetary and Space Science, 2012, 66, 125-136.	1.7	42
69	Geomorphology and spectrophotometry of Philaeâ€™s landing site on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A41.	5.1	41
70	The pebbles/boulders size distributions on Sais: Rosettaâ€™s final landing site on comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S636-S645.	4.4	40
71	Tensile strength of 67P/Churyumovâ€“Gerasimenko nucleus material from overhangs. Astronomy and Astrophysics, 2018, 611, A33.	5.1	40
72	Mercuryâ€™s radius change estimates revisited using MESSENGER data. Icarus, 2012, 221, 456-460.	2.5	39

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73	Large-scale dust jets in the coma of 67P/Churyumov-Gerasimenko as seen by the OSIRIS instrument onboard Rosetta. Astronomy and Astrophysics, 2015, 583, A9.	5.1	39
74	The dust environment of comet 67P/Churyumov-Gerasimenko from Rosetta OSIRIS and VLT observations in the 4.5 to 2.9 AU heliocentric distance range inbound. Astronomy and Astrophysics, 2016, 587, A155.	5.1	39
75	Thermal modelling of water activity on comet 67P/Churyumov-Gerasimenko with global dust mantle and plural dust-to-ice ratio. Monthly Notices of the Royal Astronomical Society, 2017, 469, S295-S311.	4.4	39
76	The distant activity of short-period comets â€“ I. Monthly Notices of the Royal Astronomical Society, 2007, 381, 713-722.	4.4	37
77	The Preperihelion Dust Environment of C/1995 O1 Hale-Bopp from 13 to 4 AU. Astronomical Journal, 1998, 116, 1470-1477.	4.7	36
78	CHANGES IN THE PHYSICAL ENVIRONMENT OF THE INNER COMA OF 67P/CHURYUMOVâ€“GERASIMENKO WITH DECREASING HELIOCENTRIC DISTANCE. Astronomical Journal, 2016, 152, 130.	4.7	36
79	Morphological and Spectral Diversity of the Clay-Bearing Unit at the ExoMars Landing Site Oxia Planum. Astrobiology, 2021, 21, 464-480.	3.0	35
80	Shortâ€term variations of Mercury's Na exosphere observed with very high spectral resolution. Geophysical Research Letters, 2009, 36, .	4.0	34
81	Gas outflow and dust transport of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S533-S546.	4.4	34
82	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 588, L3.	5.1	34
83	Experimental phase function and degree of linear polarization of cometary dust analogues. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2198-2211.	4.4	34
84	The distant activity of Short Period Comets^{â˜…}- II.. Monthly Notices of the Royal Astronomical Society, 2008, 390, 265-280.	4.4	33
85	High latitude peaks in Mercury's sodium exosphere: Spectral signature using THEMIS solar telescope. Geophysical Research Letters, 2008, 35, .	4.0	33
86	Morphology and dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. Astronomy and Astrophysics, 2015, 583, A11.	5.1	33
87	Constraints on cometary surface evolution derived from a statistical analysis of 67Pâ€™s topography. Monthly Notices of the Royal Astronomical Society, 2017, 469, S329-S338.	4.4	33
88	Meter-scale thermal contraction crack polygons on the nucleus of comet 67P/Churyumov-Gerasimenko. Icarus, 2018, 301, 173-188.	2.5	33
89	Optical design of the single-detector planetary stereo camera for the BepiColombo European Space Agency mission to Mercury. Applied Optics, 2010, 49, 2910.	2.1	32
90	Regional unit definition for the nucleus of comet 67P/Churyumov-Gerasimenko on the SHAP7 model. Planetary and Space Science, 2018, 164, 19-36.	1.7	32

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91	Mercury's exosphere origins and relations to its magnetosphere and surface. Planetary and Space Science, 2007, 55, 1069-1092.	1.7	30
92	The highly active Anhurâ€“Bes regions in the 67P/Churyumovâ€“Gerasimenko comet: results from OSIRIS/ROSETTA observations. Monthly Notices of the Royal Astronomical Society, 2017, 469, S93-S107.	4.4	30
93	A mini outburst from the nightside of comet 67P/Churyumov-Gerasimenko observed by the OSIRIS camera on Rosetta. Astronomy and Astrophysics, 2016, 596, A89.	5.1	29
94	The dust coma of the active Centaur P/2004 A1 (LONEOS): a CO-driven environment?. Astronomy and Astrophysics, 2006, 460, 935-944.	5.1	28
95	yThe Mercury sodium atmospheric spectral imager for the MMO spacecraft of Bepi-Colombo. Planetary and Space Science, 2010, 58, 224-237.	1.7	28
96	Neutral sodium atoms release from the surfaces of the Moon and Mercury induced by meteoroid impacts. Planetary and Space Science, 2007, 55, 1494-1501.	1.7	27
97	Observations of Comet 9P/Tempel 1 around the Deep Impact event by the OSIRIS cameras onboard Rosetta. Icarus, 2007, 187, 87-103.	2.5	27
98	NEW CALIBRATION OF THE MICROMETEOROID FLUX ON EARTH. Astrophysical Journal Letters, 2012, 749, L40.	8.3	27
99	Geologic mapping of the Comet 67P/Churyumovâ€“Gerasimenko's Northern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S352-S367.	4.4	27
100	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders â‰¥7 m. Astronomy and Astrophysics, 2016, 592, L2.	5.1	27
101	High resolution observations of the sodium emission from the Moon. Advances in Space Research, 1997, 19, 1561-1569.	2.6	26
102	Rotating dust particles in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A14.	5.1	26
103	Phobos grooves and impact craters: A stereographic analysis. Icarus, 2015, 256, 90-100.	2.5	26
104	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. Astronomy and Astrophysics, 2016, 585, L1.	5.1	26
105	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumovâ€“Gerasimenko from OSIRIS observations. Monthly Notices of the Royal Astronomical Society, 2016, 462, S287-S303.	4.4	26
106	Timescales of the Climate Record in the South Polar Ice Cap of Mars. Geophysical Research Letters, 2019, 46, 7268-7277.	4.0	26
107	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. Space Science Reviews, 2021, 217, 11.	8.1	26
108	The distant activity of the Long Period Comets C/2003 O1 (LINEAR) and C/2004 K1 (Catalina). Astronomy and Astrophysics, 2009, 502, 355-365.	5.1	25

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109	Inflated flows on Daedalia Planum (Mars)? Clues from a comparative analysis with the Payen volcanic complex (Argentina). Planetary and Space Science, 2009, 57, 556-570.	1.7	25
110	Asteroidal and cometary dust flux in the inner solar system. Astronomy and Astrophysics, 2017, 605, A94.	5.1	24
111	Long-term survival of surface water ice on comet 67P. Monthly Notices of the Royal Astronomical Society, 2017, 469, S582-S597.	4.4	24
112	Image Simulation and Assessment of the Colour and Spatial Capabilities of the Colour and Stereo Surface Imaging System (CaSSIS) on the ExoMars Trace Gas Orbiter. Space Science Reviews, 2018, 214, 1.	8.1	24
113	Osirisâ€"The optical, spectroscopic and infrared remote imaging system for the Rosetta Orbiter. Advances in Space Research, 1998, 21, 1505-1515.	2.6	23
114	Mercury's geochronology revised by applying Model Production Function to Mariner 10 data: Geological implications. Geophysical Research Letters, 2009, 36, .	4.0	23
115	Method for studying the effects of thermal deformations on optical systems for space application. Applied Optics, 2011, 50, 2836.	2.1	23
116	Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A16.	5.1	23
117	Sublimation of icy aggregates in the coma of comet 67P/Churyumovâ€“Gerasimenko detected with the OSIRIS cameras on boardRosetta. Monthly Notices of the Royal Astronomical Society, 2016, 462, S57-S66.	4.4	23
118	Geomorphological mapping of comet 67P/Churyumovâ€“Gerasimenkoâ€™s Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	4.4	23
119	Investigating the physical properties of outbursts on comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S731-S740.	4.4	23
120	Mercury Hollows as Remnants of Original Bedrock Materials and Devolatilization Processes: A Spectral Clustering and Geomorphological Analysis. Journal of Geophysical Research E: Planets, 2018, 123, 2365-2379.	3.6	23
121	Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 591, A132.	5.1	22
122	The opposition effect of 67P/Churyumovâ€“Gerasimenko on post-perihelion Rosetta images. Monthly Notices of the Royal Astronomical Society, 2017, 469, S550-S567.	4.4	22
123	A three-dimensional modelling of the layered structure of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S741-S754.	4.4	22
124	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	12.9	22
125	The 1999 Quadrantids and the lunar Na atmosphere. Monthly Notices of the Royal Astronomical Society, 2001, 327, 244-248.	4.4	21
126	Using Process Simulators for Steady-State and Dynamic Plant Analysis. Chemical Engineering Research and Design, 2004, 82, 499-512.	5.6	21

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127	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumovâ€“Gerasimenko. Icarus, 2018, 311, 1-22.	2.5	21
128	Spectrophotometry of the Khonsu region on the comet 67P/Churyumovâ€“Gerasimenko using OSIRIS instrument images. Monthly Notices of the Royal Astronomical Society, 2016, 462, S274-S286.	4.4	20
129	The phase function and density of the dust observed at comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2835-2839.	4.4	20
130	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. Astronomical Journal, 2018, 156, 237.	4.7	20
131	O($^{mathsf 1}$S) and O($^{mathsf 1}$D) emission lines in the spectrum of 153P/2002 C1 (Ikeya-Zhang). Astronomy and Astrophysics, 2005, 442, 1121-1126.	5.1	20
132	Multicolor Photometry of the Uranus Irregular Satellites Sycorax and Caliban. Astronomical Journal, 2001, 121, 2800-2803.	4.7	19
133	Estimate of the neutral atoms' contribution to the Mercury exosphere caused by a new flux of micrometeoroids. Astronomy and Astrophysics, 2010, 517, A89.	5.1	19
134	Micrometeoroids flux on the Moon. Astronomy and Astrophysics, 2013, 551, A27.	5.1	19
135	Coma morphology of comet 67P controlled by insolation over irregular nucleus. Nature Astronomy, 2018, 2, 562-567.	10.1	19
136	Comparative study of water ice exposures on cometary nuclei using multispectral imaging data. Monthly Notices of the Royal Astronomical Society, 2016, 462, S394-S414.	4.4	18
137	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	5.1	18
138	Dust Environment Model of the Interstellar Comet 2I/Borisov. Astrophysical Journal Letters, 2020, 893, L12.	8.3	18
139	Neutral sodium tails in comets. Advances in Space Research, 2002, 29, 1187-1197.	2.6	17
140	Catalog of the emission lines in the visible spectrum of comet 153P/Ikeya-Zhang. Astronomy and Astrophysics, 2007, 461, 789-792.	5.1	17
141	Post-perihelion photometry of dust grains in the coma of 67P Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S195-S203.	4.4	17
142	THE STEREO CAMERA ON THE BEPICOLOMBO ESA/JAXA MISSION: A NOVEL APPROACH. , 2009, , 305-322.		16
143	EVALUATION OF AREA-BASED IMAGE MATCHING APPLIED TO DTM GENERATION WITH HIRISE IMAGES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, I-4, 209-214.	0.0	16
144	The geography of Oxia Planum. Journal of Maps, 2021, 17, 621-637.	2.0	16

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145	Oxygen emission lines in the high resolution spectra of 9P/Tempel 1 following the Deep Impact event. Astronomy and Astrophysics, 2008, 479, 257-263.	5.1	15
146	The Agilkia boulders/pebbles sizeâ€“frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. Monthly Notices of the Royal Astronomical Society, 2016, 462, S242-S252.	4.4	15
147	Exposed bright features on the comet 67P/Churyumovâ€“Gerasimenko: distribution and evolution. Astronomy and Astrophysics, 2018, 613, A36.	5.1	15
148	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. Astronomy and Astrophysics, 2019, 630, A13.	5.1	15
149	Photometrical analysis of the Neck-Line Structure of Comet Halley. Icarus, 1989, 80, 267-279.	2.5	14
150	Observations of Mercury's exosphere: Spatial distributions and variations of its Na component during August 8, 9 and 10, 2003. Icarus, 2006, 185, 395-402.	2.5	14
151	Triple Fâ€”a comet nucleus sample return mission. Experimental Astronomy, 2009, 23, 809-847.	3.7	14
152	Hydrocode simulations of the largest crater on asteroid Lutetia. Planetary and Space Science, 2012, 66, 147-154.	1.7	14
153	Age relationships of the Rembrandt basin and Enterprise Rupes, Mercury. Geological Society Special Publication, 2015, 401, 159-172.	1.3	14
154	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 590, A46.	5.1	14
155	Loss rates of Europa×³s tenuous atmosphere. Planetary and Space Science, 2016, 130, 14-23.	1.7	14
156	Meteoroids as One of the Sources for Exosphere Formation on Airless Bodies in the Inner Solar System. Space Science Reviews, 2021, 217, 1.	8.1	14
157	First observations of the Na exosphere of Mercury with the high-resolution spectrograph of the 3.5M Telescopio Nazionale Galileo. Planetary and Space Science, 2004, 52, 1169-1175.	1.7	13
158	Long-term monitoring of comet 67P/Churyumovâ€“Gerasimenkoâ€™s jets with OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 2017, 469, S380-S385.	4.4	13
159	Estimate of depths of source fluids related to mound fields on Mars. Planetary and Space Science, 2018, 164, 164-173.	1.7	13
160	Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2020, 636, A91.	5.1	13
161	3DPD: A photogrammetric pipeline for a PUSH frame stereo cameras. Planetary and Space Science, 2021, 198, 105165.	1.7	13
162	High resolution observation of 17P/ÂHolmes during the outburst event in 2007. Astronomy and Astrophysics, 2010, 522, A82.	5.1	13

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163	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A19.	5.1	13
164	Neutral sodium atoms release from the surface of the Moon induced by meteoroid impacts. Monthly Notices of the Royal Astronomical Society, 2006, 367, 1067-1071.	4.4	12
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